Built to deploy massive AI workloads at the Edge, Anvil is the AI supercomputer Jetson AGX Orin™ was made for.

Anvil comes ready to withstand even the most compute intensive AI applications with its power-efficient and feature rich design. Seamlessly deploy your next generation autonomous vehicle, smart city application, or intelligent vision solution with this state-of-the-art NVIDIA® Jetson AGX Orin™ supercomputer.

Field-ready for instant deployment with the NVIDIA® Jetson AGX Orin™. Featuring both active and passive cooling options.

**FEATURES**

- ✔ 2x 10GBASE-T Ethernet (RJ-45)
- ✔ 2x NVMe M.2 Key M Slots
- ✔ Optional GMSL2, FPD LINK III, or HD-SDI connectivity
- ✔ 2x USB 3.2, 2x GbE
- ✔ Commercially deployable NVIDIA® Jetson AGX Orin™ platform

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**SPECIFICATIONS**

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<tr>
<th>Compatibility</th>
<th>Pre-integrated with NVIDIA® Jetson AGX Orin™ 32GB or 64GB</th>
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| GPU                    | 1792-core NVIDIA Ampere with 56 Tensor Cores (AGX Orin 32GB)  
  2048-core NVIDIA Ampere with 64 Tensor Cores (AGX Orin 64GB) |
| Memory                 | 32GB, 64GB                                                |
| Display Output         | 1x Display Port                                           |
| Camera Inputs          | Interface directly to a range of optional MIPI CSI, GMSL2, FPD-Link III or HD-SDI image sensors. |
| Wireless / Misc Expansion | 1x M.2 Key E 2230 Wifi/BT (PCIe/USB2)  
  1x M.2 Key B 3042/3052 (LTE/5G - USB3) with Micro SIM |
| CAN                    | 2x CAN 2.0b Non-Isolated Port                             |
| Weight                 | 2.31kg (5.1 lbs)                                         |
| Operating Temperature  | -25°C to + 60°C (-13°F to +140°F)                        |

| AI Performance         | 200 TOPs (AGX Orin 32GB)  
  275 TOPs (AGX Orin 64GB) |
| CPU                    | 8-core Arm® Cortex®-A78AE v8.2 64-bit CPU  
  2MB L2 + 4MB L3 (AGX Orin 32GB)  
  12-core Arm® Cortex®-A78AE v8.2 64-bit CPU  
  3MB L2 + 6MB L3 (AGX Orin 64GB) |
| Dimensions             | 177.8mm (w) x 107.95mm (h) x 177.8mm (d)  
  7” (w) x 4.25” (h) x 7” (d) |
| Networking             | 2x 1GbE, 2x10GbE                                         |
| USB                    | 1x USB 3.2 Ports (Type-C)  
  1x USB 3.2 Ports (Type-C - OTG Capable) |
| Storage                | 64 GB internal eMMC 5.1  
  2x M.2 Key M 2280 NVMe (4 lane PCIe Gen4)  
  1x Micro SD Slot |
| MISC / IO Connector    | 4x 3.3V GPIO Inputs  
  6x 3.3V GPO Outputs (2xPWM Capable)  
  1x 3.3V Power Pin at 1A |
| Input Power            | +10 to 36V DC Input                                      |
| Warranty and Support   | 1 Year Warranty and Free Support                        |

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